

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

[Notice 95-016]

Government-Owned Inventions; Available for Licensing

AGENCY: National Aeronautics and Space Administration.

ACTION: Notice of availability of inventions for licensing.

SUMMARY: The inventions listed below are owned by the U.S. Government and are available for domestic, and possibly, foreign licensing.

Copies of patent applications cited are available from the National Technical Information Service, Springfield, VA 22161. Requests for copies of patent applications must include the patent application serial number. Claims are deleted from the patent applications sold to avoid premature disclosure.

DATES: Date published in the **Federal Register**.

FOR FURTHER INFORMATION CONTACT:

National Aeronautics and Space Administration, Harry Lupuloff, Director of Patent Licensing, Code GP, Washington, DC 20546, telephone (202) 358-2041, fax (202) 358-4341.

- Patent Application 08/332,188: A Method of Testing and Predicting Failures on an Electronic System; filed October 17, 1994
- Patent Application 08/330,144: Method for Measuring Surface Shear Stress Magnitude & Direction Using Liquid Crystal Coating; filed October 20, 1994
- Patent Application 08/332,173: Method and Apparatus for Producing Energy by Nuclear Fusion; filed October 31, 1994
- Patent Application 08/317,443: Autonomous Navigation Apparatus for a Mobile Vehicle; filed October 4, 1994
- Patent Application 08/328,762: Method and Apparatus for Improved Spatial Light Modulation; filed October 24, 1994
- Patent Application 08/319,142: Vacuum Holding Fixture and Method for Fabricating Piezoelectric Polymer Acoustic Sensors; filed October 4, 1994
- Patent Application 08/320,622: Micro Heat Pipe Panels and Method for Producing Same; filed October 6, 1994
- Patent Application 08/326,804: Piezoelectric Loud Speaker; filed October 11, 1994
- Patent Application 08/323,943: Passive Fetal Heart Rate Monitoring Apparatus and Method with

- Enhanced Fetal Heart Beat Discrimination; filed October 13, 1994
- Patent Application 08/000,000: A Device for Testing Cables; filed October 14, 1994
- Patent Application 08/325,723: Joint for A Variable Geometry Truss and Method of Constructing Same; filed October 14, 1994
- Patent Application 08/000,000: Method of Desulphurization of Gas Turbine Blades; filed October 17, 1994
- Patent Application 08/327,061: Base Passive Porosity for Drag Reduction; filed October 19, 1994
- Patent Application 08/000,000: Imide Oligomers Endcapped with Phenylethynyl Phthalic Anhydrides and Polymers Therefrom; filed October 28, 1994
- Patent Application 08/000,000: Compact Solar Simulator with A Small Subtense Angle and Controlled Magnification Optics; filed October 1, 1994
- Patent Application 08/331,067: A Method and Apparatus for Producing a substrate with Secondary Emissions; filed October 26, 1994
- Patent Application 08/331,067: A Method of Making a Nickel Fiber Electrode for a Nickel Based Battery System; filed October 27, 1994
- Patent Application 08/328,947: Diamond Composite Films for Protective Coatings on Metals and Method of Formation; filed October 25, 1994
- Patent Application 07/926,117: System for Determining Aero-Dynamic Imbalance; filed August 7, 1992
- Patent Application 08/061,401: Self-Generating Oscillating Pressure Device; filed May 13, 1993
- Patent Application 08/061,401: Aircraft Maneuver Envelope Warning System; filed March 16, 1993
- Patent Application 07/949,199: Retroreflector Array for Precision Laser Ranging; filed September 30, 1992
- Patent Application 08/008,424: Flex-Gears Power Transmission System; filed January 25, 1993
- Patent Application 08/111,230: Optically Broadcasting Wind Direction Indicator; filed August 23, 1993
- Patent Application 08/045,337: Airplane Take-Off and Landing Performance Monitoring System; filed April 6, 1993

- Patent Application 07/988,082: Method and Apparatus for Detection and Control of Prelasing in a Q-Switched Laser; filed December 3, 1992
- Patent Application 08/081,893: Pulsed Mode Cathode; filed June 25, 1993
- Patent Application 08/033,512: Wavelength Division Multi-Plexed Optical Integrated With Vertical Diffraction Grating; filed March 17, 1993
- Patent Application 08/020,813: Aberration Correction of Unstable Resonators; filed February 22, 1993.

Dated: January 27, 1995.

Edward A. Frankle,

General Counsel.

[FR Doc. 95-2743 Filed 2-3-95; 8:45 am]

BILLING CODE 7510-01-M

[Docket No. 95-018]

NASA Advisory Council (NAC), Aeronautics Advisory Committee (AAC): Meeting

AGENCY: National Aeronautics and Space Administration.

ACTION: Notice of Meeting.

SUMMARY: In accordance with the Federal Advisory Committee Act, Pub. 92-463, as amended, the National Aeronautics and Space Administration announces a forthcoming meeting of the NASA Advisory Council, Aeronautics Advisory Committee.

DATES: March 9, 1995, 8 a.m. to 4:30 p.m.

ADDRESSES: National Aeronautics and Space Administration, Room 7H46, 300 E Street, S.W. Washington, DC 20546.

FOR FURTHER INFORMATION CONTACT: Ms. Mary-Ellen McGrath, Office of Aeronautics, National Aeronautics and Space Administration, Washington, DC 20546 (202/358-4729).

SUPPLEMENTARY INFORMATION: The meeting will be open to the public up to the seating capacity of the room. The agenda for the meeting is as follows:

- Aeronautics Update
- Federal Laboratory Review Report
- Streamlining & Roles/Missions Design Status
- Aeronautics National Leadership Strategy
- FY97 Program/Budget Development Strategy Status Report
- Government Engine Core Program

It is imperative that the meeting be held on this date to accommodate the scheduling priorities of the key participants.

Dated: January 31, 1995.

Timothy M. Sullivan,

Advisory Committee Management Officer.

[FR Doc. 95-2745 Filed 2-3-95; 8:45 am]

BILLING CODE 7510-01-M

[Notice 95-017]

**Solar System Exploration
Subcommittee of the Space Science
Advisory Committee**

AGENCY: National Aeronautics and
Space Administration.

ACTION: Notice of Meeting.

SUMMARY: In accordance with the Federal Advisory Committee Act, Pub. L. 92-463, as amended, the National Aeronautics and Space Administration announces a forthcoming meeting of the NASA Advisory Council, Space Science Advisory Committee, Solar System Exploration Subcommittee.

DATES: Wednesday, March 1, 1995, 8:30 a.m. to 5 p.m.; and Thursday, March 2, 1995, 8:30 a.m. to 3:30 p.m.

ADDRESSES: NASA Headquarters, 300 E Street, SW, Conference Room MIC 6A, West, (March 1) Conference Room MIC 5A, West, (March 2) Washington, DC 20546.

FOR FURTHER INFORMATION CONTACT: William L. Piotrowski, Code SL, National Aeronautics and Space Administration, Washington, DC 205 46, (202) 358-0316.

SUPPLEMENTARY INFORMATION: The meeting will be open to the public up to the capacity of the room. The agenda for the meeting includes the following topics:

- Overview of Solar System Exploration Division Status
- Mission Reports
- Advanced Study Reports
- Technology Report
- Complex Report
- Strategic Planning Approach
- Discussion and Formulation of Recommendations/Action Items

It is imperative that the meeting be held on these dates to accommodate the scheduling priorities of the key participants. Visitors will be requested to sign a visitor's register.

Dated: January 31, 1995.

Timothy M. Sullivan,

Advisory Committee Management Officer.

[FR Doc. 95-2744 Filed 2-3-95; 8:45 am]

BILLING CODE 7510-01-M

**NUCLEAR REGULATORY
COMMISSION**

[Docket No. 50-413]

**Duke Power Company, et al.; Notice of
Consideration of Issuance of
Amendment to Facility Operating
License, Proposed No Significant
Hazards Consideration Determination,
and Opportunity for a Hearing**

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-35 issued to Duke Power Company (the licensee) for operation of the Catawba Nuclear Station, Unit 1, located in York County, South Carolina.

The proposed amendment would change Technical Specification (TS) 3.6.1.2 to defer the next scheduled containment integrated leak rate test (ILRT) at Catawba Unit 1 for one outage, from the end-of-cycle (EOC) 8 refueling outage (scheduled for February 1995) to EOC 9 (scheduled for June 1996). Title 10 of the Code of Federal Regulations, part 50, Appendix J, requires that three ILRTs be performed at approximately equal intervals during each 10-year service period at a nuclear station. "Approximately equal intervals" is defined in Catawba's TS as 40 plus or minus 10 months. The proposed one-time change would allow Catawba to extend that interval to 60 plus or minus 10 months.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety. As required by 10 CFR 50.91(a), the licensee has provided its analysis of the issue of no significant hazards consideration, which is presented below:

The following analysis is presented, pursuant to 10 CFR 50.91, to demonstrate that the proposed change will not create a Significant Hazard Consideration.

1. The proposed change will not involve a significant increase in the probability or

consequences of an accident previously evaluated.

Containment leak rate testing is not an initiator of any accident; the proposed interval extension does not affect reactor operations or accident analysis, and has no radiological consequences. Therefore, this proposed change will not involve an increase in the probability or consequences of any previously evaluated accident.

2. The proposed change will not create the possibility of any new accident not previously evaluated.

The proposed change does not affect normal plant operations or configuration, nor does it affect leak rate test methods. The test history at Catawba (no ILRT [integrated leak rate test] failures) provides continued assurance of the leak tightness of the containment structure.

3. There is no significant reduction in a margin of safety.

It has been documented in draft NUREG-1493 that an increase in the ILRT interval from 1 test every 3 years to 1 test every 10 years would result in a population exposure risk in the vicinity of 5 representative plants from .02% to .14%. The proposed change included herein, an increase from 40 (plus or minus) 10 months to 60 (plus or minus) 10 months, represents a small fraction of that already very small increase in risk. Therefore, it may be concluded that no significant reduction in a margin of safety will occur.

Based on the above, no significant hazards consideration is created by the proposed change.

The NRC staff has reviewed the licensee's analysis and, based on this review, it appears that the three standards of 10 CFR 50.92(c) are satisfied. Therefore, the NRC staff proposes to determine that the amendment request involves no significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination.

Normally, the Commission will not issue the amendment until the expiration of the 30-day notice period. However, should circumstances change during the notice period such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish in the **Federal Register** a notice of issuance and provide for opportunity for a hearing after issuance. The